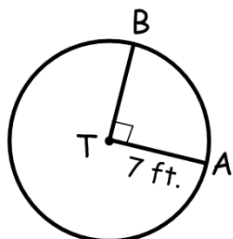


Areas of sectors

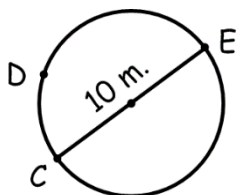
Practice: C-Level

1. Find the EXACT area of the sector bound by the given intercepted arc.

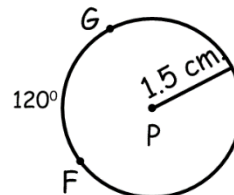
a.  $\widehat{AB}$



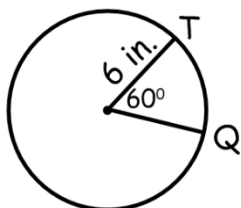
b.  $\widehat{CDE}$



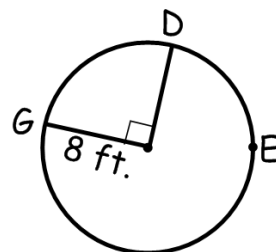
c.  $\widehat{FG}$



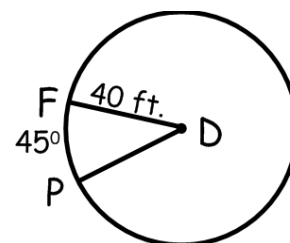
d.  $\widehat{TQ}$



e.  $\widehat{DG}$



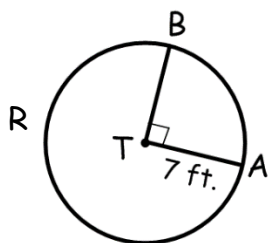
f.  $\widehat{FP}$



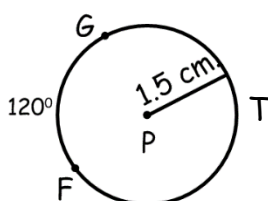
Practice: B-Level

2. Find the EXACT area of the sector bound by the given intercepted arc.

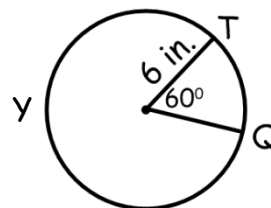
a.  $\widehat{ARB}$



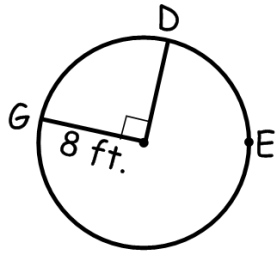
b.  $\widehat{GTF}$



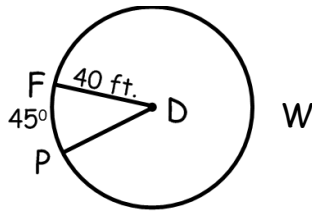
c.  $\widehat{TYQ}$



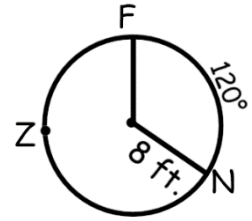
d.  $\widehat{DEG}$



e.  $\widehat{FWP}$

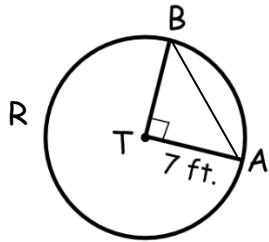


f.  $\widehat{FZN}$

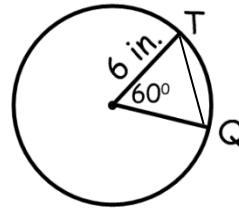


3. Find the EXACT area of the region bound by the given arc and segment.

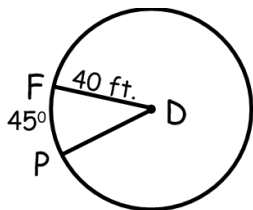
a.  $\widehat{AB}$  and  $\overline{AB}$



b.  $\widehat{TQ}$  and  $\overline{TQ}$



c.  $\widehat{FP}$  and  $\overline{FP}$



d.  $\widehat{FN}$  and  $\overline{FN}$

